

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#4

Jc927 U.S. PTO  
09/677284  
10/02/00

Applicants: William L. GOODMAN  
Mark SWEENEY

Title: METHOD AND APPARATUS FOR DEMODULATION  
OF PHASE SHIFT KEYED SIGNALS

Express Mail No.: EL686796832US

Date of Deposit: 02 October 2000

**FIRST INFORMATION DISCLOSURE STATEMENT**

**Box PATENT APPLICATION**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In accordance with Rules 1.56 and 1.98, Reference AA listed on Form PTO-1449 are cited and discussed on Page 4 of the referenced patent application and are brought to the attention of the Examiner as being possibly material to examination of this application.

The remaining references listed on Form PTO-1449 are also brought to the attention of the Examiner as being possibly material to examination of this application.

Express Mail No.: EL686796832US

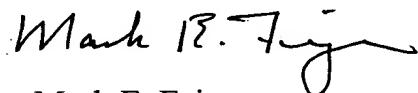
Form PTO-1449 (1 page) is enclosed with a copy of each and every reference cited on Form PTO-1449.

The following co-pending patent applications are also brought to the attention of the Examiner as being possibly material to examination of the subject patent application.

Applicants: William L. GOODMAN  
Mark SWEENEY  
Title: EFFICIENT TRANSMITTERS FOR  
PHASE MODULATED SIGNALS  
Express Mail No.: EL686796815US  
Date of Deposit: 02 October 2000  
Attorney Docket No.: GRI-99-013

Applicants: William L. GOODMAN  
Mark SWEENEY  
Title: METHOD OF REDUCING NOISE IN A BOREHOLE  
ELECTROMAGNETIC TELEMETRY SYSTEM  
Express Mail No.: EL686796829US  
Date of Deposit: 02 October 2000  
Attorney Docket No.: GRI-00-015

Respectfully submitted,



Mark E. Fejer  
Regis. No. 34,817

Pauley Petersen Kinne & Fejer  
2800 West Higgins Road, Suite 365  
Hoffman Estates, Illinois 60195  
(847) 490-1400  
FAX (847) 490-1403

FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. GRI-00-016	SERIAL NO.
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT(S) William L. GOODMAN et al.	
		FILING DATE	GROUP

Jc927 U.S. 677284 PRO  
10/02/00

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,912,930	06/1999	Iwasaki			
	AB	4,980,682	12/1990	Klein et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER	DATE CONSIDERED
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

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